

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
Summary Memorandum

1,4

Site ID: WA D009250820
County: Snohomish
Priority Assessment: Low
Backlog Red. Cat.:
Date/Revised: 11/27/84

Name and Location:

Scott Paper Company, Everett Plant
2600 Federal Avenue
Everett, Washington 98201

Contact: (b) (6)
Telephone: (b) (6)
Site Status: ☒ Active ☐ Inactive ☐ Unknown

Site Description/TSD Activities:

Scott Paper manufactures sulfite pulp, paper products. They were a RCRA notifier and filed a Part A application. Facility burned scrap rubber in hog fuel boilers for about a year when it was learned that the rubber contained high zinc, and the practice was discontinued. It has also been alleged by an employee that there have been illegal discharges to Sound.

Waste Types/Quantities/Characteristics:

2525 cu. yds of zinc-laden ash landfilled on site. Waste solvents are used in hog fuel boilers to increase BTU's. Prior to 1982, solvents were dumped on hog fuel pile prior to boiler loading. Other small quantities of solvents and acids are generated and are drummed for proper carrier to take to permitted recycler.

Physical/Social Environment:

Site is located on fill material in Port Gardner Bay on the west side of Everett. 7,500 residents and 6,500 transients within one mile. Ten parks and six schools within one mile. City of Everett water supplies are protected surface waters in the western Cascade Mountains.

Pollutant Mobilization/Pathways/Risk:

Known discharges to Port Gardner Bay (Puget Sound). There is potential for some soil contamination on site due to dumping of solvents on hog fuel pile. Unknown whether the hog fuel storage area is paved.

Priority Assessment/Backlog Reduction Category:

Low: There is a continuing need to monitor this facility's discharges, and sampling should be conducted on a time-available basis.

Followup Recommendations:

If possible, soil samples should be taken in the area of the hog fuel pile to see if solvents are present. This may be very difficult due to the magnitude of this pile and the difficulty of sampling in and around it.



**POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT**
Part 1 - Site Information and Assessment

I. IDENTIFICATION

01 State	02 Site Number
WA	D009250820

II. SITE NAME AND LOCATION

01 Site Name (legal, common, or descriptive name of site) Scott Paper Co.-Everett		02 Street, Route No., or Specific Location Identifier 2600 Federal Ave.			
03 City Everett	04 State WA	05 Zip Code 98201	06 County Snohom.	07 County Code 061	08 Cong Dist 02
09 Coordinates Latitude 475901.0 Longitude 1221205.5		Section/Township/Range SW1/4 Sec. 19, T29N, R5E, WM			
10 Directions to Site (starting from nearest public road)					

III. RESPONSIBLE PARTIES

01 Owner (if known) Scott Paper Co.		02 Street (business, mailing, residential) Scott Plaza I			
03 City Philadelphia	04 State PA	05 Zip Code 19113	06 Telephone Number (215)5215000		
07 Operator (if known and different from owner) Scott Paper Co.		08 Street (business, mailing, residential) 2600 Federal Ave.			
09 City Everett	10 State WA	11 Zip Code 98201	12 Telephone Number (206)2597393		
13 Type of Ownership (check one) <input checked="" type="checkbox"/> A. Private <input type="checkbox"/> B. Federal: <input type="checkbox"/> C. State <input type="checkbox"/> D. County <input type="checkbox"/> E. Municipal <input type="checkbox"/> F. Other: <input type="checkbox"/> G. Unknown					

14 Owner/Operator Notification on File (check all that apply)
☒ A. RCRA 3001, Date Rec'd: 08 /14 /80 ☒ B. Uncontrolled Waste Site (CERCLA 103c), Date Rec'd 06 /?? /81 ☐ C. None

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 On Site Inspection (X) Yes, Date: 70 /-- /84 () No		By (check all that apply): (X) A. EPA () B. EPA Contractor (X) C. State () D. Other Contractor () E. Local Health Official () F. Other: Contractors Name(s):	
02 Site Status (check one) (X) A. Active () B. Inactive () C. Unknown	03 Years of Operation beginning year ending year Unk. Pres () Unknown		

04 Description of Substances Possibly Present, Known, or Alleged
 Scott Paper manufactures sulfite pulp, and paper towels and tissue paper. In 1980-81, rubber tires were burned in hog fuel boilers, causing zinc laden ash to be produced. Spill of sulfuric acid in 1981. Alleged, illegal discharge to Puget Sound reported by former employee. Use of solvents in hog fuel pile before burning could have caused soil contamination.

05 Description of Potential Hazard to Environment and/or Population
 Potential hazard to marine environment from spills of acids and discharge of zinc laden wastewater from landfilled ash. Also, some potential for soil contamination from solvents in hog fuel pile. Low potential for direct population hazard.

V. PRIORITY ASSESSMENT

01 Priority for Inspection (check one; if high or medium is checked, complete Part 2 and Part 3)
☐ A. High (inspection required promptly) ☐ B. Medium (inspection required) ☒ C. Low (inspect on time available basis) ☐ D. None (no further action needed complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 Contact Ned Therien	02 Of (agency/organization) WDOE	03 Telephone Number (206)4596352
04 Person Responsible for Assessment Barbara Morson	05 Agency JRB Associates	07 Telephone Number (206)477899
		08 Date 11 / 27 / 84

D009250820

() M. Not Applicable

EPA and WDOE Part A Application
EPA files; CERCLA 103(c) Notification, 6/80
WDOE files

**POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT**
Part 3 - Description of Hazardous Conditions & Incidents

I. IDENTIFICATION

01 State WA	02 Site Number D009250820
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II. HAZARDOUS CONDITIONS AND INCIDENTS

01 (X) A. Groundwater Contamination 02 () Observed (Date:) () Potential () Alleged

03 Population Potentially Affected: 0 04 Narrative Description
None reported or suspected. The site is on fill material in Port Gardner Bay. There is a brackish aquifer at <20 ft. Unknown depth and substrate to a potable aquifer. No wells in area to determine the potable aquifer.

01 (X) B. Surface Water Contamination 02 (X) Observed (Date: 1981) () Potential (X) Alleged

03 Population Potentially Affected: 0 04 Narrative Description
Facility is immediately adjacent and discharges to Possession Sound/Port Gardner Bay. Spills of sulfuric acid documented. Other alleged (by employees, see 1/18/83 memo, Watson to (b)(6)) dumping of "chemical solution" to Sound. Sound is used for recreation and commercial fishing.

01 (X) C. Contamination of Air 02 (X) Observed (Date: 1980-81) () Potential () Alleged

03 Population Potentially Affected: 0 04 Narrative Description
In 1980-81, the facility burned scrap rubber in hog fuel boilers resulting in zinc-laden ash. This practice was discontinued. A variety of solvents have been burned in hog fuel boilers, but are not expected to generate an air contamination problem. 14,000 residents within one mile.

01 (X) D. Fire/Explosive Conditions 02 () Observed (Date:) () Potential () Alleged

03 Population Potentially Affected: 0 04 Narrative Description
No known certified fire threat.

01 (X) E. Direct Contact 02 () Observed (Date:) () Potential () Alleged

03 Population Potentially Affected: 0 04 Narrative Description
Facility is fenced and gated. No direct contact potential.

01 (X) F. Contamination of Soil 02 () Observed (Date:) (X) Potential () Alleged

03 Area Potentially Affected (acres): < 5 04 Narrative Description
In the 1970s, solvents were dumped on hog fuel pile prior to loading into boiler. Fuel pile was stored outside uncovered on what may be (but unknown) an unpaved area. Soils under the fuel pile may have solvent contamination. Potential is thought to be low.

01 (X) G. Drinking Water Contamination 02 () Observed (Date:) () Potential () Alleged

03 Population Potentially Affected: 0 04 Narrative Description
None reported or suspected. Nearest known well is 2 and 1/2 miles southwest and upgradient (b)(6). City of Everett utilizes protected surface water sources for drinking, not groundwater.

01 (X) H. Worker Exposure/Injury 02 () Observed (Date:) () Potential (X) Alleged

03 Workers Potentially Affected: Unknown 04 Narrative Description
Several employees have alleged health problems resulting from solvent fumes when facility was dumping solvents on hog fuel prior to loading into boiler. This practice is no longer carried out. Unknown whether other unsafe practices occur at this facility at this time.

01 (X) I. Population Exposure/Injury 02 () Observed (Date:) (X) Potential () Alleged

03 Population Potentially Affected: Unknown 04 Narrative Description
Only route appears to be through worker exposure potential.

**POTENTIAL HAZARDOUS WASTE SITE
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Part 3 - Description of Hazardous Conditions & Incidents

I. IDENTIFICATION

01 State	02 Site Number
WA	D009250820

II. HAZARDOUS CONDITIONS AND INCIDENTS (continued)

01 (X) J. Damage to Flora 02 () Observed (Date:) (X) Potential () Alleged

04 Narrative Description

None reported. Spills of sulfuric acid to Puget Sound are unlikely to cause damage to plankton or algae except in the immediate area at the time of dumping.

01 (X) K. Damage to Fauna 02 () Observed (Date:) (X) Potential () Alleged

04 Narrative Description (include name(s) of species)

Spills of sulfuric acid to Puget Sound. Small potential for damage to very localized areas of water column and benthic organisms.

01 (X) L. Contamination of Food Chain 02 () Observed (Date:) (X) Potential () Alleged

04 Narrative Description

None reported or suspected. Zinc may accumulate in organisms, but it is not known to biomagnify or move through the food chain. Puget Sound has both recreational and commercial fishing.

01 (X) M. Unstable Containment of Wastes 02 (X) Observed (Date: 7/5/81) () Potential () Alleged
(spills/runoff/standing liquids/leaking drums)

03 Population Potentially Affected:

UNKNOWN 04 Narrative Description
2,000 gal spill of concentrated sulfuric acid to the Sound continued for two days. Solvents used to be dumped on hog fuel prior to boiler loading. Hog fuel in uncovered outdoor area not known to be paved.

01 (X) N. Damage to Offsite Property 02 () Observed (Date:) () Potential () Alleged

04 Narrative Description

None reported or suspected.

01 (X) O. Contamination of Sewers, Storm Drains, WWTPs 02 () Observed (Date:) (X) Potential () Alleged

04 Narrative Description

None reported. Facility is served by the Everett Sewer System.

01 (X) P. Illegal/Unauthorized Dumping 02 (X) Observed (Date: 1981) () Potential (X) Alleged

04 Narrative Description

Alleged by employees that PCB oils and "hazardous wastes" (unknown) have been improperly dumped and burned. Chemical solutions are reported to have been illegally discharged to Puget Sound (EPA File Review 3/30/83).

05 Description of Any Other Known, Potential, or Alleged Hazards

While facility was burning scrap rubber, causing zinc-laden ash to be produced, boiler house washwater containing up to 4 ppm zinc was discharged to Puget Sound. This occurred for up to a year and is no longer occurring; however, there was potential biological accumulation in organisms in the Sound.

III. TOTAL POPULATION POTENTIALLY AFFECTED: Unknown

IV. COMMENTS

If possible, soil samples should be taken in area of hog fuel storage. Due to size of pile, this may be impossible. Also, it is currently unknown whether that area is paved.

V. SOURCES OF INFORMATION (cite specific references: state files, reports, etc.)

EPA/ERRIS Files, pers. comm., C. Rice, M. Watson, 8/17/84; WDOE Files; pers. comm., T. Nord, B. Johnson, WDOE, 8/84; pers. comm., J. Nolan, PSAPCA, 8/84; Snohomish County Soil Survey; PSCOG, 1984; 1980 Federal Census; WDOE Well Logs; DSHS Computer File; USGS Everett Quad, 1973

ATTACHMENT B
RCRA Section 3012 Preliminary Assessment Program
Surface and Groundwater Hydrology

Prepared for JRB Associates by Geo/Resource Consultants

Site Name Scott Paper Co. County Snohomish

- Sources:
1. USGS Everett Quadrangle 7.5' (1953, PR 1968, 1973)
 2. Additional WDOE logs w/ld 3-mile radius
 3. DSHS computer file
 4. Snohomish County SCS Soil Survey
 - 5.
 - 6.
 - 7.
 8. Well logs used: (b) (6) {WDOE, attached}

GROUNDWATER

Name/description of aquifer of concern

Site on fill material in Possession Sound (Puget Sound). Substrate beneath fill unknown.

Source 1, 4

Depth from the ground surface to the highest seasonal level of the saturated zone of the aquifer of concern

Probably 0-20'.

Source 1

Soil type and permeability in unsaturated zone

Presumed to be fill & therefore variable in texture & permeability.

Source 1

Use(s) of aquifer of concern within a 3-mile radius of the hazardous substance. If available, indicate up-gradient or down-gradient

WDOE logs list 1 domestic 1 municipal use.

Source 2

Location (Distance, Up/Down Gradient) of nearest well drawing from aquifer of concern or occupied building not served by a public water supply

Perkins, $\pm 2\frac{1}{2}$ miles SW, upgradient

Source 8

Identified water-supply well(s) drawing from aquifer of concern within a 3-mile radius of the hazardous substance and population served by each well

Public: Hat Island supplies 25-275 persons (see attached for location).

Private:

1 x 3.8 = 4 persons

Source 2,3

Land area (in acres) irrigated by supply well(s) drawing from aquifer of concern within a 3-mile radius of the hazardous substance

none

Source 2,3

SURFACE WATER

Name/description, distance, and gradient (range c/o) to nearest downslope surface water if within three miles

Site < 500' South of Possession Sound (Puget Sound)
Gradient 0-10%

Source 1

Use(s) of surface water within 3-miles (free-flowing water) or 1-mile (static water) of the hazardous substance

recreation, commercial

Source 1

Location of water-supply intake(s) within 3-miles (free-flowing water) or 1-mile (static water) downstream of the hazardous substance and population served by each intake

none

Source 3

Land area (in acres) irrigated by supply well(s) within 3-miles (free-flowing water) or 1-mile (static water) downstream of the hazardous substance

none

Source 3

Distance, in stream miles, to intakes cited in previous two items

Source

ATTACHMENT B

RCRA Section 3012 Preliminary Assessment Program
Land Use and Demography

Prepared for JRB Associates by Shapiro and Associates

Site Name #62 SCOTT PAPER COMPANY

County 2600 FEDERAL AVE.

Sources

1. THOMAS BROS - MAP 38
2. NWI MAP - EVERETT
3. BOTTORFF, USFWS, 1984
4. USFWS, 1980
5. 1980 CENSUS DATA
6. PSCOG, 1984
7. FIRM MAP, EVERETT, 1978
8. INDUSTRIAL WASTE SURVEY, 1980

EVERETT
SNODHOMSH

Distance/direction to a 5-acre (minimum) coastal wetland, if 2 miles or less

.1 MILE TO PORT GARDNER (PUGET SOUND) ESTUARINE - OPEN WATER

1.5 MILES N TO ESTUARINE SHRUB/SCRB SWAMP

Source 2

Distance/direction to a 5-acre (minimum) freshwater wetland, if 1 mile or less

NONE

Source 2

Distance/direction to a critical habitat of an endangered species, if 1 mile or less

NONE

Source 3

Distance/direction to a National Wildlife Refuge, if 1 mile or less

NONE

Source 4

Resident and/or transient population within 1 mile of site

↓ ↓
7,503 + 6,506 = 14,009 ≈ 14,000

Source 5+6

Public or private facilities of particular concern (e.g., parks, schools) if within 1 mile or less

PARKS - MAGGIES PARK, CLARK PARK, ATHLETIC FIELD, DOWNTOWN PARK, KIWANIS PARK, FOREST PARK, PARK AT MILES AVE/LAUREL DRIVE, BICENTENNIAL SQUARE, GRAND AVE PARK; SCHOOLS - 3 ELEM SCHOOLS, 2 JR HIGH SCHOOLS, EVERETT HIGH SCHOOL; OTHERS - HOSPITAL, POST OFFICE, CITY HALL, COURT HOUSE, LIBRARY, FIRE STATION, RAILROAD STATION

Source 1

Municipal sanitary sewer system and or storm sewers serving the facility?

EVERETT SEWER SYSTEM

Source 8

Ultimate discharge point(s) of above sewer systems

PUGET SOUND

Source 8

100-year flood potential at site

NONE

Source 7

RELEASE OF CONTAMINANTS VIA AIR ROUTE
(Complete only if directed by JRB)

Population within various radii of site:

1/4 mile _____

1 mile _____

1/2 mile _____

4 miles _____

Source _____

Distance/direction to a commercial/industrial area, if 1 mile or less

Source _____

Distance/direction to a national or state park, forest or wildlife refuge if 2 miles or less

Source _____

Distance/direction to a residential area if 2 miles or less

Source _____

Distance/direction to agricultural land in production within past five years, if 1 mile or less

Source _____

Distance/direction to prime agricultural land in production within past five years, if 2 miles or less

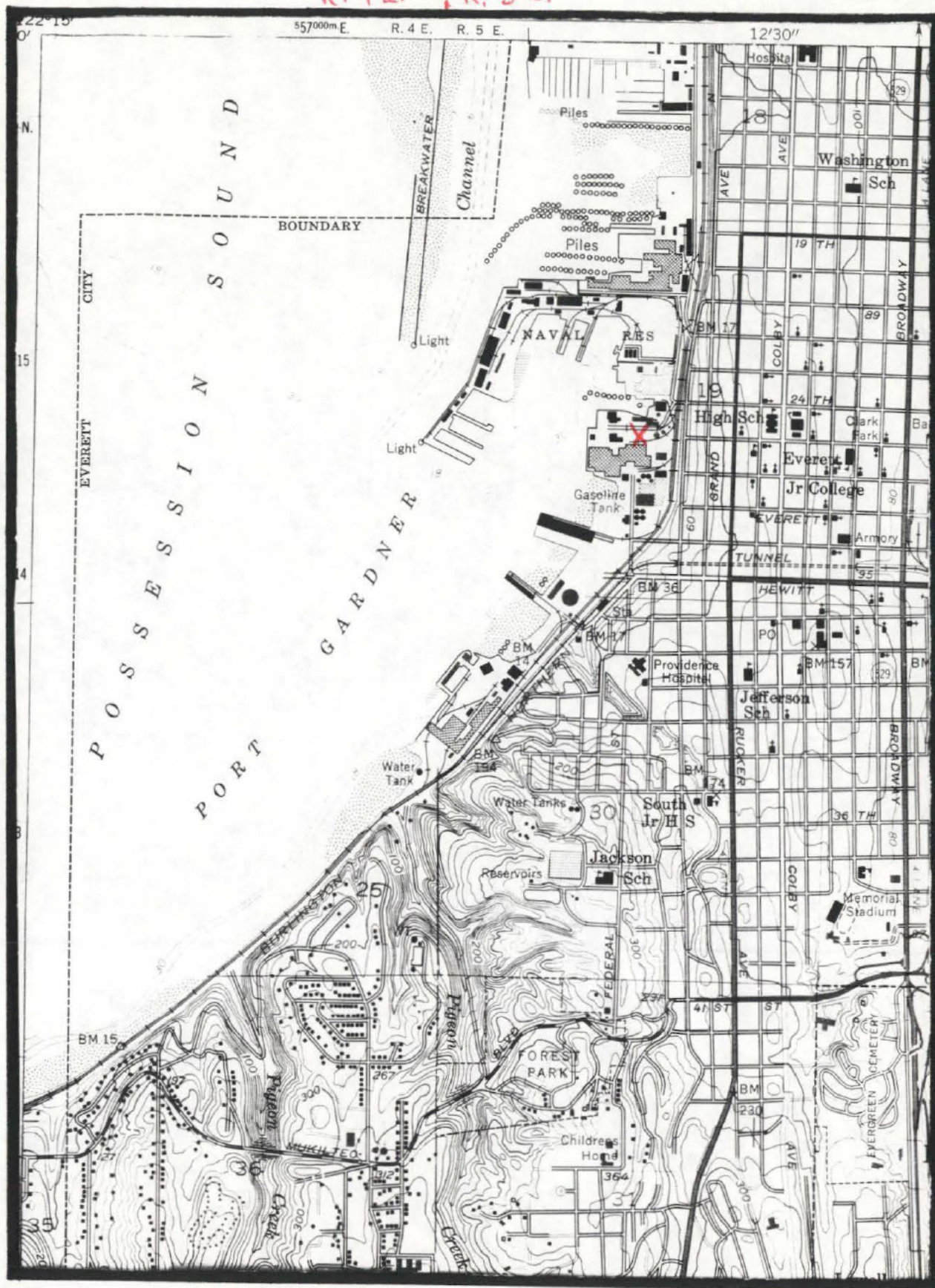
Source _____

Distance/direction of a historic or landmark site (National Register of Historic Places and National Natural Landmarks) if within 1 mile or less

Source _____

Everett Quadrangle 7-S' (1953, PR 1948, 1973)

R. 4 E. , R. 5 E.



T. 29 N.

X Scott Paper

38

A

B

C

See Map 34

D

E

38

1

2

3

4

5

POSSESSION

SOUND

EVERETT JUNCTION

PIER 3

PIER 1

PIER 2

PIER 3

PIER 4

PIER 5

PIER 6

PIER 7

PIER 8

PIER 9

PIER 10

PIER 11

PIER 12

PIER 13

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